

04-30-03

2818 \$

Please type a plus sign (+) inside this box →

PTO/SB/21 (6-98)
Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/234,233
Filing Date	January 20, 1999
First Named Inventor	Weimin Li
Group Art Unit	2818
Examiner Name	D. Vu

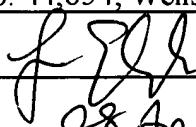
Attorney Docket Number MI22-1035

RECEIVED
TECHNOLOGY CENTER
MAY - 2
2003

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <input type="checkbox"/> Return Postcard PTO-1449; Cited References A check for \$180.00
Remarks Customer No. 021567 The Commissioner is hereby authorized to charge any additional fees required under 37 CFR Sections 1.16 and 1.17 and credit any overpayments to 23-0925		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	James E. Lake Reg. No. 44,854; Wells St. John P.S.
Signature	
Date	28 Apr 2003

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name	Date
Signature	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EV085426352



PTO/SB/17 (12/99)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2000		Complete if Known	
		Application Number	09/234,233
		Filing Date	January 20, 1999
		First Named Inventor	Weimin Li
		Examiner Name	D. Vu
		Group / Art Unit	2818
TOTAL AMOUNT OF PAYMENT (\$)		MI22-1035	

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																															
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number 23-0925</p> <p>Deposit Account Name Wells, St. John et al</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p>				<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205 65 Surcharge - late filing fee or oath</td><td>0.00</td></tr> <tr><td>127</td><td>50</td><td>227 25 Surcharge - late provisional filing fee or cover sheet.</td><td>0.00</td></tr> <tr><td>139</td><td>130</td><td>139 130 Non-English specification</td><td>0.00</td></tr> <tr><td>147</td><td>2,520</td><td>147 2,520 For filing a request for reexamination</td><td>0.00</td></tr> <tr><td>112</td><td>920*</td><td>112 920* Requesting publication of SIR prior to Examiner action</td><td>0.00</td></tr> <tr><td>113</td><td>1,840*</td><td>113 1,840* Requesting publication of SIR after Examiner action</td><td>0.00</td></tr> <tr><td>115</td><td>110</td><td>215 55 Extension for reply within first month</td><td>0.00</td></tr> <tr><td>116</td><td>380</td><td>216 190 Extension for reply within second month</td><td>0.00</td></tr> <tr><td>117</td><td>870</td><td>217 435 Extension for reply within third month</td><td>0.00</td></tr> <tr><td>118</td><td>1,360</td><td>218 680 Extension for reply within fourth month</td><td>0.00</td></tr> <tr><td>128</td><td>1,850</td><td>228 925 Extension for reply within fifth month</td><td>0.00</td></tr> <tr><td>119</td><td>300</td><td>219 150 Notice of Appeal</td><td>0.00</td></tr> <tr><td>120</td><td>300</td><td>220 150 Filing a brief in support of an appeal</td><td>0.00</td></tr> <tr><td>121</td><td>260</td><td>221 130 Request for oral hearing</td><td>0.00</td></tr> <tr><td>138</td><td>1,510</td><td>138 1,510 Petition to institute a public use proceeding</td><td>0.00</td></tr> <tr><td>140</td><td>110</td><td>240 55 Petition to revive - unavoidable</td><td>0.00</td></tr> <tr><td>141</td><td>1,210</td><td>241 605 Petition to revive - unintentional</td><td>0.00</td></tr> <tr><td>142</td><td>1,210</td><td>242 605 Utility issue fee (or reissue)</td><td>0.00</td></tr> <tr><td>143</td><td>430</td><td>243 215 Design issue fee</td><td>0.00</td></tr> <tr><td>144</td><td>580</td><td>244 290 Plant issue fee</td><td>0.00</td></tr> <tr><td>122</td><td>130</td><td>122 130 Petitions to the Commissioner</td><td>0.00</td></tr> <tr><td>123</td><td>50</td><td>123 50 Petitions related to provisional applications</td><td>0.00</td></tr> <tr><td>126</td><td>240</td><td>126 240 Submission of Information Disclosure Stmt</td><td>180.00</td></tr> <tr><td>581</td><td>40</td><td>581 40 Recording each patent assignment per property (times number of properties)</td><td>0.00</td></tr> <tr><td>146</td><td>690</td><td>246 345 Filing a submission after final rejection (37 CFR § 1.129(a))</td><td>0.00</td></tr> <tr><td>149</td><td>690</td><td>249 345 For each additional invention to be examined (37 CFR § 1.129(b))</td><td>0.00</td></tr> <tr><td colspan="4">Otherfee (specify) _____</td></tr> <tr><td colspan="4">Otherfee (specify) _____</td></tr> <tr> <td colspan="4" style="text-align: center;">SUBTOTAL (1) (\$)</td> <td colspan="4" style="text-align: center;">SUBTOTAL (3) (\$)</td> </tr> <tr> <td colspan="4" style="text-align: center;">0.00</td> <td colspan="4" style="text-align: center;">180.00</td> </tr> <tr> <td colspan="4" style="text-align: center;">Reduced by Basic Filing Fee Paid</td> <td colspan="4" style="text-align: center;">Complete (if applicable)</td> </tr> </tbody> </table>				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205 65 Surcharge - late filing fee or oath	0.00	127	50	227 25 Surcharge - late provisional filing fee or cover sheet.	0.00	139	130	139 130 Non-English specification	0.00	147	2,520	147 2,520 For filing a request for reexamination	0.00	112	920*	112 920* Requesting publication of SIR prior to Examiner action	0.00	113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	0.00	115	110	215 55 Extension for reply within first month	0.00	116	380	216 190 Extension for reply within second month	0.00	117	870	217 435 Extension for reply within third month	0.00	118	1,360	218 680 Extension for reply within fourth month	0.00	128	1,850	228 925 Extension for reply within fifth month	0.00	119	300	219 150 Notice of Appeal	0.00	120	300	220 150 Filing a brief in support of an appeal	0.00	121	260	221 130 Request for oral hearing	0.00	138	1,510	138 1,510 Petition to institute a public use proceeding	0.00	140	110	240 55 Petition to revive - unavoidable	0.00	141	1,210	241 605 Petition to revive - unintentional	0.00	142	1,210	242 605 Utility issue fee (or reissue)	0.00	143	430	243 215 Design issue fee	0.00	144	580	244 290 Plant issue fee	0.00	122	130	122 130 Petitions to the Commissioner	0.00	123	50	123 50 Petitions related to provisional applications	0.00	126	240	126 240 Submission of Information Disclosure Stmt	180.00	581	40	581 40 Recording each patent assignment per property (times number of properties)	0.00	146	690	246 345 Filing a submission after final rejection (37 CFR § 1.129(a))	0.00	149	690	249 345 For each additional invention to be examined (37 CFR § 1.129(b))	0.00	Otherfee (specify) _____				Otherfee (specify) _____				SUBTOTAL (1) (\$)				SUBTOTAL (3) (\$)				0.00				180.00				Reduced by Basic Filing Fee Paid				Complete (if applicable)			
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																
105	130	205 65 Surcharge - late filing fee or oath	0.00																																																																																																																																																
127	50	227 25 Surcharge - late provisional filing fee or cover sheet.	0.00																																																																																																																																																
139	130	139 130 Non-English specification	0.00																																																																																																																																																
147	2,520	147 2,520 For filing a request for reexamination	0.00																																																																																																																																																
112	920*	112 920* Requesting publication of SIR prior to Examiner action	0.00																																																																																																																																																
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	0.00																																																																																																																																																
115	110	215 55 Extension for reply within first month	0.00																																																																																																																																																
116	380	216 190 Extension for reply within second month	0.00																																																																																																																																																
117	870	217 435 Extension for reply within third month	0.00																																																																																																																																																
118	1,360	218 680 Extension for reply within fourth month	0.00																																																																																																																																																
128	1,850	228 925 Extension for reply within fifth month	0.00																																																																																																																																																
119	300	219 150 Notice of Appeal	0.00																																																																																																																																																
120	300	220 150 Filing a brief in support of an appeal	0.00																																																																																																																																																
121	260	221 130 Request for oral hearing	0.00																																																																																																																																																
138	1,510	138 1,510 Petition to institute a public use proceeding	0.00																																																																																																																																																
140	110	240 55 Petition to revive - unavoidable	0.00																																																																																																																																																
141	1,210	241 605 Petition to revive - unintentional	0.00																																																																																																																																																
142	1,210	242 605 Utility issue fee (or reissue)	0.00																																																																																																																																																
143	430	243 215 Design issue fee	0.00																																																																																																																																																
144	580	244 290 Plant issue fee	0.00																																																																																																																																																
122	130	122 130 Petitions to the Commissioner	0.00																																																																																																																																																
123	50	123 50 Petitions related to provisional applications	0.00																																																																																																																																																
126	240	126 240 Submission of Information Disclosure Stmt	180.00																																																																																																																																																
581	40	581 40 Recording each patent assignment per property (times number of properties)	0.00																																																																																																																																																
146	690	246 345 Filing a submission after final rejection (37 CFR § 1.129(a))	0.00																																																																																																																																																
149	690	249 345 For each additional invention to be examined (37 CFR § 1.129(b))	0.00																																																																																																																																																
Otherfee (specify) _____																																																																																																																																																			
Otherfee (specify) _____																																																																																																																																																			
SUBTOTAL (1) (\$)				SUBTOTAL (3) (\$)																																																																																																																																															
0.00				180.00																																																																																																																																															
Reduced by Basic Filing Fee Paid				Complete (if applicable)																																																																																																																																															
<p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>																																																																																																																																																			
FEE CALCULATION																																																																																																																																																			
<p>1. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>690</td><td>201 345 Utility filing fee</td><td>0.00</td></tr> <tr><td>106</td><td>310</td><td>206 155 Design filing fee</td><td></td></tr> <tr><td>107</td><td>480</td><td>207 240 Plant filing fee</td><td></td></tr> <tr><td>108</td><td>690</td><td>208 345 Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214 75 Provisional filing fee</td><td></td></tr> </tbody> </table>								Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	101	690	201 345 Utility filing fee	0.00	106	310	206 155 Design filing fee		107	480	207 240 Plant filing fee		108	690	208 345 Reissue filing fee		114	150	214 75 Provisional filing fee																																																																																																																					
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																
101	690	201 345 Utility filing fee	0.00																																																																																																																																																
106	310	206 155 Design filing fee																																																																																																																																																	
107	480	207 240 Plant filing fee																																																																																																																																																	
108	690	208 345 Reissue filing fee																																																																																																																																																	
114	150	214 75 Provisional filing fee																																																																																																																																																	
SUBTOTAL (1) (\$)																																																																																																																																																			
0.00																																																																																																																																																			
<p>2. EXTRA CLAIM FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td> </td><td>-20**</td><td>=</td><td>0</td></tr> <tr><td>Independent Claims</td><td>- 3**</td><td>=</td><td>0</td></tr> <tr><td>Multiple Dependent</td><td></td><td>=</td><td>0</td></tr> </tbody> </table>								Total Claims	Extra Claims	Fee from below	Fee Paid		-20**	=	0	Independent Claims	- 3**	=	0	Multiple Dependent		=	0																																																																																																																												
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																
	-20**	=	0																																																																																																																																																
Independent Claims	- 3**	=	0																																																																																																																																																
Multiple Dependent		=	0																																																																																																																																																
<p>**or number previously paid, if greater; For Reissues, see below</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203 9 Claims in excess of 20</td></tr> <tr><td>102</td><td>78</td><td>202 39 Independent claims in excess of 3</td></tr> <tr><td>104</td><td>260</td><td>204 130 Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>78</td><td>209 39 ** Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210 9 ** Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table>								Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	103	18	203 9 Claims in excess of 20	102	78	202 39 Independent claims in excess of 3	104	260	204 130 Multiple dependent claim, if not paid	109	78	209 39 ** Reissue independent claims over original patent	110	18	210 9 ** Reissue claims in excess of 20 and over original patent																																																																																																																										
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description																																																																																																																																																	
103	18	203 9 Claims in excess of 20																																																																																																																																																	
102	78	202 39 Independent claims in excess of 3																																																																																																																																																	
104	260	204 130 Multiple dependent claim, if not paid																																																																																																																																																	
109	78	209 39 ** Reissue independent claims over original patent																																																																																																																																																	
110	18	210 9 ** Reissue claims in excess of 20 and over original patent																																																																																																																																																	
SUBTOTAL (2) (\$)																																																																																																																																																			
0.00																																																																																																																																																			
SUBTOTAL (3) (\$)																																																																																																																																																			
180.00																																																																																																																																																			

SUBMITTED BY

Name (Print/Type)	James E. Lake	Registration No. (Attorney/Agent)	44,854	Telephone	509-624-4276	
Signature	<i>[Signature]</i>				Date	28 Apr 2003

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EV085426352